

THIS MEMORANDUM OF OIL AND GAS LEASE AGREEMENT, dated this 2nd day of April, 2009, by and between James P. and Robin K. Fitzsimmons, husband and wife, of RR 4 Box 184A, Cameron, West Virginia 26033 hereinafter referred to as "Lessor" (whether one or more), and Trans Energy, Inc., whose address is P.O. Box 393, St. Marys, West Virginia 26170 hereinafter referred to as "Lessee".

WITNESSETH:

For and in consideration of One Dollar (\$1.00) and other good and valuable consideration paid by Lessee to Lessor and in further consideration of the covenants and conditions more particularly set forth in a certain lease between Lessor and Lessee dated February 18th, 2009 (hereinafter referred to as the "Lease"), Lessor does demise and let unto Lessee the following described premises:

District of Cameron, County of Marshall, State of WEST VIRGINIA,

MAP 3, PARCEL 22, 78.1 ACRES, MORE OR LESS,
MAP 3, PARCEL 22.1, 2.23 ACRES, MORE OR LESS

Containing 80.33 acres, more or less, and located in Cameron District, Marshall County, State of West Virginia, (hereinafter referred to as the "Premises") for the purpose of exploring for by geophysical, seismic, and other methods, drilling, operating for, producing and removing oil and gas and all the constituents thereof.

Title to the Premises was conveyed to Lessor by deed recorded in Volume/Book 567, Page 625 in the Marshall County Records.

1. To have and to hold the Premises for a term commencing February 18th, 2009 and terminating December 31, 2011 in the event that Lessee does not drill one Marcellus well by December 31, 2011, and if such well is drilled for a total period of five years and so much longer thereafter as oil or gas or their constituents are produced or are capable of being commercially produced.

2. Under the terms of the aforementioned Lease the lease covers all formations and strata from the bottom of the Tully Limestone formation to the bottom of the Onondaga Limestone formation ("Target Formation"). Lessee shall have the right to drill through the formations situated above the Tully Limestone Formation. Lessee shall have the right of first refusal to lease all formations above the Tully Limestone and below the Onondaga Limestone. Upon Lessee commencing drilling operations to the Targeted Formation and its subsequent completion, this has the effect of holding all other formations, if they are unleased, on the subject lease for a period of one year for the benefit of Lessee to drill additional wells either above or below the Target Formation subject to the terms and conditions of the lease.

3. Under the terms of the aforementioned Lease each well shall hold and operate an area of 750 feet radius around the well bore, such well bore defined as from the surface of the ground to the ultimate total depth (both vertically and horizontally) of such well and Lessee shall release all remaining acreage outside such 750 radius after the primary term of 5 years.

4. This Memorandum of Lease is executed in simplified short form for the convenience of the parties and for the purpose of recording the same, and this Memorandum of Lease shall not have the effect of in any way modifying, supplementing or abridging the Lease or any of its provisions as the same or now or may hereafter be in force and effect other than 50% of this lease may be assigned to Republic Partners VII, LLC.

IN WITNESS WHEREOF, the parties to this agreement have hereunto set their hands and seals this day and year first above written.

Lessor Signatures:

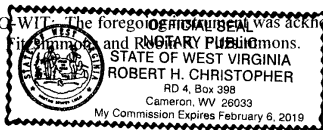
Lessee Signature:

James P. Fitzsimmons
James P. Fitzsimmons
Robin K. Fitzsimmons
Robin K. Fitzsimmons

Mark D. Woodburn
Mark D. Woodburn
Land Department Manager

STATE OF WEST VIRGINIA
COUNTY OF Marshall

TO-WIT: The foregoing instrument was acknowledged before me this 2 day of April, 2009, by James P. Fitzsimmons and Robin K. Fitzsimmons.



02/06/2019

My commission expires

Robert H. Christopher
Notary Public

STATE OF WEST VIRGINIA
COUNTY OF MARSHALL

TO-WIT: The foregoing instrument was acknowledged before me this 2 day of April, 2009, by Mark D. Woodburn, Land Department Manager of Trans Energy, Inc., a Nevada corporation, on behalf of the corporation.

This document was prepared by and is to be returned to:

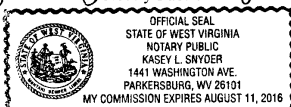


JAN PEST
MARSHALL County 10:38:08 AM
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Additional \$6.00

August 11, 2016

My Commission expires

Kasey L. Snyder
Notary Public



STATE OF WEST VIRGINIA, MARSHALL COUNTY, SCT.:

I, JAN PEST, Clerk of the County Commission of said County, do hereby certify that the annexed writing, bearing date on the 2nd day of April, 2009, was presented for and by me, admitted to record in my office upon the above certificate as to the parties therein named this 1st day of May, 2009 at 10:38 o'clock PM.

TESTE: *Jan Pest* Clerk.

TRANS ENERGY
P.O. BOX 393
ST. MARYS, WV 26170-0393